

Application No. 010/077,385
Amendment "C" dated February 18, 2005
Reply to Office Action mailed February 4, 2005

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A computing device comprising:

a housing adapted to receive at least one processor, wherein said housing further comprises a baffle that is configured to direct air flowing from a fan mounted within the housing, and wherein said baffle comprises at least one aperture for allowing air to flow from said fan;

~~a fan mounted within said housing, the~~ said fan having a low operational velocity and a correspondingly low acoustic signature of less than about 36 dB, the acoustic signature being proportional to the operational velocity of the fan, the fan also having a diameter that is configured in size for enabling the fan to cool the at least one processor at the low operational velocity; and

a support structure for mounting said fan within said housing and for limiting electromagnetic interference caused by said at least one processor;

2. (Previously Presented) A computing device as recited in claim 1, wherein the fan has an axis of rotation substantially parallel to a height of the housing.

3. (Original) A computing device as recited in claim 1, wherein said housing is adapted to receive at least one of a power supply assembly, a hard drive assembly, and a mother board assembly.

4. (Original) A computing device as recited in claim 1, wherein said housing comprises a cover and a carriage, both said cover and said carriage comprises a plurality of vents.

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5. (Original) A computing device as recited in claim 1, wherein said fan is a fan selected from the group consisting of a ball bearing fan, a sleeve bearing fan, and a oil bearing fan.

6. (Cancelled).

7. (Original) A computing device as recited in claim 1, wherein said fan is a ~~variable~~ speed fan.

8. (Cancelled).

9. (Previously Presented) A computing device as recited in claim 1, wherein support structure is configured to suppress electromagnetic energy generated by a processor.

10. (Previously Presented) A computing device as recited in claim 1, wherein the support structure comprises a plurality of holes that are each configured to allow air to flow therethrough.

11. (Previously Presented) A computing device as recited in claim 1, further comprising at least one dampening member disposed between said fan and said support structure, said at least one dampening member acoustically dampening said fan from said housing.

12-13. (Cancelled)

14. (Original) A computing device as recited in claim 1, wherein said housing comprises a plurality of vents, at least one of said plurality of vents being disposed in at least one of a back portion, a front portion, a side portion, and a top portion of said housing.

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15. (Currently Amended) A computing device comprising:

a housing having a height;

a processor positioned in the housing;

a smart card;

a fan mounted within said housing, said fan being mounted within said housing such that the fan draws air from outside the housing over the smart card and then over the processor; and

a support structure for mounting said fan within said housing and for suppressing electromagnetic interference caused by said at least one processor.

16. (Original) A computing device as recited in claim 15, wherein the housing comprises a cover and a carriage.

17. (Previously Presented) A computing device as recited in claim 15, wherein the fan has an axis of rotation substantially parallel to a height of the housing.

18. (Previously Presented) A computing device as recited in claim 15, wherein selection of the fan is based upon at least one of (i) the flow rate of air moved by the fan, (ii) the static pressure associated with the fan, (iii) the acoustic noise generated by the fan, and (iv) the physical dimensions of the fan.

19. (Original) A computing device as recited in claim 15, wherein support structure comprises a plurality of apertures therethrough.

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20. (Previously Presented) A computing device as recited in claim 19, wherein the support structure is adapted to suppress electromagnetic energy generated by the at least one processor.

21. (Original) A computing device as recited in claim 20, wherein at least one of the plurality of apertures is configured to direct air drawn by the means for drawing to at least one of a motherboard assembly, a power assembly, and a hard disk assembly retained within the means for retaining.

22. (Original) A computing device as recited in claim 15, further comprising a baffle configured to direct the air drawn by the means for drawing.

23. (Original) A computing device as recited in claim 22, wherein the baffle has an L-shaped configuration.

24. (Original) A computing device as recited in claim 22, wherein the baffle has a T-shaped configuration.

25. (Original) A computing device as recited in claim 22, wherein the baffle comprises at least one aperture adapted to allow air to flow through the baffle.

26-39. (Cancelled)

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